

## APPENDIX I

### LIST OF ACRONYMS AND ABBREVIATIONS

A	Amps
ABA	Adapter Beam Assembly
ACKS	Acknowledgment
ACCESS	Advanced Carrier Customer Equipment Support System
AFD	Aft Flight Deck
AIA	Avionics Interface Assembly
ANSI	American National Standards Institute
APC	Autonomous Payload Controller
APOCC	Attached Payloads Operations Control Center
ASP	Attached Shuttle Payloads
ASPC	Attached Shuttle Payload Center
Aux	Auxiliary
b/s	Bits Per Second
Baud	Typically one bit per second
BBXRT	Broad Band X-Ray Telescope
BC	Byte count
BPI	Bits Per Inch
CAP	Command Acceptance Pattern
	Crew Activity Plan
CARS	Customer Accommodations and Requirements Specifications
CAS	Calibrated Ancillary System
CC	Crew Controller
CCGSE	Customer/Carrier Ground Support Equipment
CCI	Command Concentrator Interface
CCT	Computer Compatible Tape
CCTV	Closed Circuit Television
CG	Center of Gravity
CGSE	Customer Ground Support Equipment
CH	Channel
CID	Customer Identification
CIR	Cargo Integration Review
CMD(S)	Command(s)
CMF	Command Management Facility
CMRT	Customer Medium Rate Tape
CNE	Center Network Environment
CPR	Customer Payload Requirements
CRT	Cathode Ray Tube
CSR	Customer Support Room
CVCM	Collected Volatile Condensable Material
dB	Decibel
oC	Degrees Centigrade
DAP	Digital Autopilot
DC	Direct Current
DEC	Declination
	Digital Equipment Corporation
DCL	Digital Command Language
Dia.	Diameter

DMR	Detailed Mission Requirements
DOD	Department of Defense
DOL	Discrete Output, Low Level
DOMSAT	Domestic Communication Satellite
DPS	Data Processing System
DPST	Double-Pole Single Throw
DT	Delay Time
e.g.	such as
EAFB	Edwards Air Force Base
EGSE	Electrical Ground Support Equipment
EMC	Electro-Magnetic Compatibility
EMI	Electro-Magnetic Interference
EOF	End of File
EOV	End of Volume
FDF	Flight Dynamics Facility
	Flight Data File
FM	Frequency Modulated
FOR	Flight Operations Review
FOT	Flight Operations Team
FOV	Field of View
FP	Flight Plan
FPS	Flight Planning System
FS	Factor of Safety
FSU	Frame Synchronizer Unit
FT	Foot/Feet
FVP	Flight Verification Payload
G,g	Gravity
Ga.	Gauge
GAS	Get Away Special
GDS	Ground Data System
GIS	Goddard Internal Simulations
GMT	Greenwich Mean Time
GN&C	Guidance, Navigation and Control
GPC	General Purpose Computer
GSTDN	Ground Spaceflight Tracking and Data Network
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
HES	Hitchhiker Ejection System
HH	Hitchhiker
HHC	Hitchhiker Carrier
HH-C	Hitchhiker-C
HH-S	Hitchhiker-S
HH-J	Hitchhiker-JR
HMDA	Hitchhiker Motorized Door Assembly
HRIU	Hitchhiker Remote Interface Unit
HTS	Hitchhiker Timeline System
Hz	Hertz
IAD	Interface Agreement Document
ICD	Interface Control Document

i.e.	that is,
I/F	Interface
I&T	Integration and Tests
IPD	Information Processing Division
IRIG-B	Inter-Range Instrumentation Group, Type B
JIN	Johnson Information Network
JIS	Joint Integrated Simulation
JSC	Johnson Space Center
K	Kilo, Thousand
Kb/s	Kilo bits/second
KSC	Kennedy Space Center
KHz	Kilo Hertz
KSC	Kennedy Space Center
KUSP	Ku Band Signal Processor
KWHR	Kilowatt-Hour
LAN	Local Area Network
lbs.	pounds (Weight)
LEP	Lower End Plate
LR	Low Rate
LRDPS	Low-Rate Data Processing System
LRGSE	Low Rate Ground Support Equipment
LVLH	Local Vertical/Local Horizontal
Max	Maximum
Mb/s	Mega bits per second
MCC	Mission Control Center
MCCH	Mission Control Center Houston
MDM	Multiplexer De-Multiplexer
MET	Mission Elapsed Time
MGMT	Management
MGSE	Mechanical Ground Support Equipment
MHz	Megahertz
MICD	Mechanical Interface Control Drawing
Min	Minimum
MLI	Multi-Layer Insulation
mm	millimeter
MM	Mission Manager
MOD	Mission Operation Division
	Mission Operations Document
MODNET	MO&DSD Operational/Development Network
MOWG	Mission Operations Working Group
MPE	Mission Peculiar Equipment
MPES	Mission Peculiar Equipment Support Structure
MPS	Mission Planning System
MR	Medium Rate
MRDM	Medium-Rate De-Multiplexer
MRDPS	Medium-Rate Data Processing System
MRGSE	Medium Rate Ground Support Equipment
MRM	Medium Rate Multiplexer
	Mission Readiness Manager

MS	Mass Storage
	Margin of Safety
ms	Millisecond
MSFC	Marshall Space Flight Center
MSL	Materials Science Laboratory
MSM	Mission Support Manager
MTR	Magnetic Tape Recorder
MTU	Master Timing Unit
MUA	Material Usage Agreement
MUX	Multiplexer
N/A	Not Applicable
NASA	National Aeronautics and Space Administration
NASCOM	NASA Communications
NDE	Nondestructive Evaluation
NOLAN	NASCOM Operational Local Area Network
NGT	NASA Ground Terminal (TDRS)
NRZ	Non-Return to Zero
NSP	Network Signal Processor
NSTS	National Space Transportation System
NTSC	National Television Standard Committee
NVR	Non-Volatile Residue
OIT	Orbiter Integration Test
O.D.	Outside Diameter
OPF	Orbiter Processing Facility
OPS	Operations
ORDC	Orbiter Data Reduction Center
ORR	Operational Readiness Review
OSF	Office of Space Flight
PAM	Payload Assist Module
PC	Personel Computer
PCM	Pulse Code Modulation
PDI	Payload Data Interleaver
PGSC	Payload and General Support Computer
PI	Principal Investigator
PIP	Payload Integration Plan
POCC	Payload Operations Control Center
POWG	Payload Operations Working Group
PPS	Pulse Per Second
PSAT	Predicted Site Acquisition Table
PSID	Pounds-Per-Square-Inch Differential
PSP	Payload Signal Processor
PTC	Passive Thermal Control
PWR	Power
RA	Right Ascension
RD	Receive Data
Rev.	Revision
RF	Radio Frequency
RTN	Return
RMS	Remote Manipulator System
RT	Real-Time

SAA	South Atlantic Anomaly
SAIL	Shuttle Avionics Integration Laboratory
SD	Send Data
SDP	Safety Data Package
SDPF	Sensor Data Processing Facility
SDR	System Design Review
SMC	Standard Mixed Cargo
SMCH	Standard Mixed Cargo Harness
SPA	Small Payload Accommodations
SPASP	SPA Switch Panel
SPIF	Standard Payload Interface Facility
SPOC	Shuttle Payload of Opportunity Carrier
SQ	Square
SRR	System Requirements Review
SSP	Standard Switch Panel
SSPO	Space Shuttle Program Office
SSPP	Shuttle Small Payloads Project
STS	Space Transportation System
TAE	Transportable Applications Executive
TAGS	Text and Graphic System
TBD	To Be Determined
TBS	To Be Supplied
TCL	TAE Control Language
TDRSS	Tracking and Data Relay Satellite System
TIM	Technical Interchange Meeting
TN	TDRSS Network
TLM	Telemetry
TML	Total Mass Loss
TOD	True of Date
TSP	Twisted Shielded Pair
TTL	Transistor-Transistor Logic
TV	Television
UART	Universal Asynchronous Receiver Transmitter
UCAT	User Calibrated Ancillary Data Tapes
UNF	United States National Fine
US	United States, Microsecond
VAB	Vehicle Assembly Building
VCM	Volatile Condensable Material
VDC	Volts Direct Current
VDS	Voice Distribution System
VF	Voltage False
VMS	Virtual Memory System
VNoise	Voltage Noise
VT	Voltage True
WSC	White Sands Complex
WSTF	White Sands Test Facility
W	Watts
YSI	Yellow Springs Instrument Company